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## WHAT IS CLAIMED IS:

1. A method for cache management and regeneration of dynamically-generated content ("DGC") in one or more server computers within a client-server computer network, comprising the steps of:

in response to a regeneration event, identifying a set of one or more previously cached DGC components affected by said regeneration event;

regenerating a new version of each affected DGC component in said set to incorporate a criteria associated with said regeneration event; and

replacing each affected DGC component in said set with said respective new version of each.

- 2. The method of Claim 1, further comprising the step of serving said new version of one or more of said affected DGC components to a client computer in said client-server network in response to a request from said client computer.
- 3. The method of Claim 1, further comprising the step of serving said new version of one or more of said affected DGC components in the form of a dynamically-generated page to a client computer in said client-server network in response to a request from said client computer.

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4. The method of Claim 1, wherein:

said identifying step further comprises identifying which of said affected DGC components satisfy a threshold criteria;

said set of affected DGC components comprises only those affected DGC components that satisfy said threshold criteria; and

said replacing step further comprises flushing those of said affected previously cached DGC components that do not satisfy said threshold criteria.

- 5. The method of Claim 4, wherein said threshold criteria is an arbitrary value of an arbitrary parameter.
- 6. The method of Claim 5, wherein said arbitrary parameter is an elapsed time since the last client computer request for a DGC component or for a dynamically-generated page.
- 7. The method of Claim 1, wherein any one or more of said identifying, regenerating and replacing steps can be performed at a different one of said one or more server computers from each other.
- 8. The method of Claim 1, wherein said regenerating step further comprises the step of limiting to a preset threshold value the number of affected DGC component regenerations that can simultaneously occur.

9. The method of Claim 8, wherein said preset threshold value is arbitrarily determined according a desired network performance level.

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10. The method of Claim 8, wherein said preset threshold value is determined by a static descriptor, such as a configuration variable.

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11. The method of Claim 1, wherein said regeneration event comprises a change to a page template, an explicit flushing event, or a change to a DGC component.

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12. The method of Claim 11, wherein said explicit flushing event comprises the expiration of a preset time period.

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13. The method of Claim 1, wherein said criteria associated with said regeneration event is a change to a page template from which one or more previously cached dynamically-generated pages ("DGPs") were generated.

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14. The method of Claim 1, wherein said criteria associated with said regeneration event is a change to the content of one or more of said previously cached DGC components, or no criteria.

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- 15. The method of Claim 1, wherein every cached DGC component is associated with a custom cached file name comprising a combination of an initial file request name with a selected attribute of a computer user.
- 16. The method of Claim 15, wherein said selected attribute is selected from the group including browser name, user language, computer domain, computer platform, and content ID.
- 17. The method of Claim 15, wherein said selected attribute is a default attribute.
- 18. The method of Claim 17, wherein said default attribute is no user attribute.
- 19. The method of Claim 15, wherein said selected attribute is used in said regenerating step to regenerate said new versions of said affected DGC components.
- 20. The method of Claim 15, wherein said selected attribute is keyed to a particular application.
- 21. The method of Claim 1, further comprising the step of updating a docroot file system to indicate changes resulting from replacing said affected DGC components.

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22. The method of Claim 21, wherein said docroot file system is associated with a memory-based cache repository or a file-based cache repository.

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23. A system for cache management and regeneration of dynamically-generated content ("DGC") in one or more server computers within a client-server computer network, comprising:

instructions for, in response to a regeneration event, identifying a set of one or more previously cached DGC components affected by said regeneration event;

instructions for regenerating a new version of each affected DGC component in said set to incorporate a criteria associated with said regeneration event; and

instructions for replacing each affected DGC component in said set with said respective new version of each.

- 24. The system of Claim 23, further comprising instructions for serving said new version of one or more of said affected DGC components to a client computer in said client-server network in response to a request from said client computer.
- 25. The system of Claim 23, further comprising instructions for serving said new version of one or more of said affected DGC components in the form of a dynamically-generated page ("DGP") to a client computer in said client-server network in response to a request from said client computer.

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26. The system of Claim 23, wherein:

said instructions for identifying further comprise instructions for identifying which of said affected DGC components satisfy a threshold criteria;

said set of affected DGC components comprises only those affected DGC components that satisfy said threshold criteria; and

said instructions for replacing further comprise instructions for flushing those of said affected previously cached DGC components that do not satisfy said threshold criteria.

- 27. The system of Claim 26, wherein said threshold criteria is an arbitrary value of an arbitrary parameter.
- 28. The system of Claim 27, wherein said arbitrary parameter is an elapsed time since the last client computer request for a DGC or for a DGP.
- 29. The system of Claim 23, wherein said instructions for regenerating further comprise instructions for limiting to a preset threshold value the number of affected DGC component regenerations that can simultaneously occur.
- 30. The system of Claim 29, wherein said preset threshold value is determined according a desired network performance level or according to a static descriptor, such as a configuration variable.

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- 31. The system of Claim 23, wherein said regeneration event comprises a change to a page template, an explicit flushing event, or a change to a DGC component.
- 32. The system of Claim 23, wherein said criteria associated with said regeneration event is a change to a page template from which one or more previously cached DGPs were generated.
- 33. The system of Claim 23, wherein said criteria associated with said regeneration event is a change to the content of one or more of said previously cached DGC components.
- 34. The system of Claim 23, wherein said criteria associated with said regeneration event is no change.
- 20 35. The system of Claim 23, wherein every cached DGC component is associated with a custom cached file name comprising a combination of an initial file request name with a selected attribute of a computer user.
  - 36. The system of Claim 35, wherein said selected attribute is selected from the group including browser name, user language, computer domain, computer platform, and content ID.

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37. The system of Claim 35, wherein said selected attribute is used in said regenerating step to regenerate said new versions of said affected DGC components.

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38. The system of Claim 35, wherein said selected attribute is not a user attribute.

39. The system of Claim 35, wherein said selected attribute is keyed to a particular application.

40. The system of Claim 23, further comprising instructions for updating a docroot file system to indicate changes resulting from replacing said affected DGC components.

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41. The system of Claim 40, wherein said docroot file system is associated with a cache repository.

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42. The system of Claim 41, wherein said cache repository is a file-based cache repository.

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43. A method for cache management and regeneration of dynamically-generated content ("DGC) in one or more server computers within a client-server computer network, comprising the steps of:

initiating a regeneration event to affect one or more previously cached DGC components;

in response to said regeneration event, identifying a set of one or more of said previously cached DGC components affected by said regeneration event;

regenerating a new version of each affected DGC component in said set to incorporate a criteria associated with said regeneration event; and

replacing each affected DGC component in said set with said respective new version of each.

- 44. The method of Claim 43, wherein said regeneration event is initiated by a user via a user interface.
- 45. The method of Claim 44, wherein said user interface comprises a standard user-to-computer interface to access an interface program.
- 46. The method of Claim 43, wherein initiating said regeneration event comprises changing a template affecting one or more of said previously cached DGC components.

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- 47. The method of Claim 43, wherein initiating said regeneration event comprises initiating a flushing operation.
- 5 48. The method of Claim 43, wherein initiating said regeneration event comprises initiating a flushing operation in response to a change in the content of one or more of said previously cached DGC components.
  - 49. The method of Claim 43, further comprising the step of serving said new version of one or more of said affected DGC components to a client computer in said client-server network in response to a request from said client computer.
  - 50. The method of Claim 43, further comprising the step of serving said new version of one or more of said affected DGC components in the form of a dynamically-generated page ("DGP") to a client computer in said client-server network in response to a request from said client computer.
  - 51. The method of Claim 43, wherein:
    said identifying step further comprises
    identifying which of said affected DGC components
    satisfy a threshold criteria;

said set of affected DGC components comprises only those affected DGC components that satisfy said threshold criteria; and

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said replacing step further comprises flushing those of said affected previously cached DGC components that do not satisfy said threshold criteria.

- 5 52. The method of Claim 51, wherein said threshold criteria is an arbitrary value of an arbitrary parameter.
  - 53. The method of Claim 52, wherein said arbitrary parameter is an elapsed time since the last client computer request for a DGC component or a DGP.
  - 54. The method of Claim 43, wherein any one or more of said initiating, identifying, regenerating and replacing steps can be performed at a different one of said one or more server computers from each other.
  - 55. The method of Claim 43, wherein said regenerating step further comprises the step of limiting to a preset threshold value the number of affected DGC component regenerations that can simultaneously occur.
- 56. The method of Claim 43, wherein said criteria associated with said regeneration event is a change to a page template from which one or more previously cached DGPs were generated.
- 57. The method of Claim 43, wherein said criteria associated with said regeneration event is a change to

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the content of one or more of said previously cached DGC components, or no criteria.

- 58. The method of Claim 43, wherein every cached DGC component is associated with a custom cached file name comprising a combination of an initial file request name with a selected attribute of a computer user.
- 10 59. The method of Claim 58, wherein said selected attribute is selected from the group including browser name, user language, computer domain, computer platform, and content ID.
  - 60. The method of Claim 58, wherein said selected attribute is used in said regenerating step to regenerate said new versions of said affected DGC components.
- 20 61. The method of Claim 43, further comprising the step of updating a docroot file system to indicate changes resulting from replacing said affected DGC components.